

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 16.07.2024

Version number 305 (replaces version 304)

Revision: 16.07.2024

* SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier** 600164
- **Trade name:** Wire rope spray E-COLL
- **Article number:** 4317784015707
- **UFI:** 84FN-3MMW-FA05-VRJE
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 - SU21 Consumer uses: Private households / general public / consumers
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Lubricant
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - E/D/E - Einkaufsbuero Deutscher Eisenhaendler GmbH
 - EDE Platz 1
 - D-42389 Wuppertal
 - Germany

Tel. +49 202 6096-0
e-mail: sdb@ede.de
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:** Giftinformationszentrum Mainz – Tel.: +49 (6131) 19240

* SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**

| | | |
|-------------------|-----------|--|
| Aerosol 1 | H222-H229 | Extremely flammable aerosol. Pressurised container: May burst if heated. |
| Asp. Tox. 1 | H304 | May be fatal if swallowed and enters airways. |
| Aquatic Chronic 3 | H412 | Harmful to aquatic life with long lasting effects. |

· 2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008**

The labelling of an aspiration hazard (Asp.Tox.1 H304) is not required for aerosol dispensers and containers with a sealed spray device (Regulation (EC) 1272/2008, Annex 1,1.3.3).
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



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· **Signal word** Danger

· **Hazard-determining components of labelling:**

Hydrocarbons, C10-C13, n-alkanes, < 2%aromatics
 Distillates (petroleum), hydrotreated light naphthenic
 Distillates (petroleum), hydrotreated heavy paraffinic

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
 H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P273 Avoid release to the environment.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.
 EUH208 Contains Calcium dinonyl naphthalene sulphonate. May produce an allergic reaction.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

*** SECTION 3: Composition/information on ingredients**

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|--|--|--------|
| CAS: 129813-66-7 EC number: 929-018-5 Reg.nr.: 01-2119475608-26 | Hydrocarbons, C10-C13, n-alkanes, < 2%aromatics ⚠ Asp. Tox. 1, H304 | 25-50% |
| CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx | propane ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280 | 10-50% |
| CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27-xxxx | isobutane ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280 | 10-50% |
| CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx | butane, pure ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280 | 10-50% |

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| | | |
|---|--|---------|
| CAS: 64742-53-6 EINECS: 265-156-6 Index number: 649-466-00-2 Reg.nr.: 01-2119480375-34-xxxx | Distillates (petroleum), hydrotreated light naphthenic ⚠ Asp. Tox. 1, H304 | 2.5-10% |
| CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8 Reg.nr.: 01-211948627-25-xxxx 01-2119471299-27 | Distillates (petroleum), hydrotreated heavy paraffinic ⚠ Asp. Tox. 1, H304 Specific concentration limit: Asp. Tox. 1; H304: C ≥ 5 % | 2.5-10% |
| CAS: 7397-62-8 EINECS: 230-991-7 Reg.nr.: 01-2119514685-36 | butyl glycollate ⚠ Repr. 2, H361 ⚠ Eye Dam. 1, H318 | 0.1-<1% |
| CAS: 95-38-5 EINECS: 204-414-9 Reg.nr.: 01-2119777867-13-xxxx | 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol ⚠ STOT RE 2, H373 ⚠ Skin Corr. 1C, H314 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312 | 0.1-<1% |
| EC number: 939-717-7 Reg.nr.: 01-2119980985-16 | Calcium dinonyl naphthalene sulphonate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 | 0.1-<1% |

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

• 4.1 Description of first aid measures

• **General information:**

Personal protection for the First Aider.
 Take affected persons out of danger area and lay down.
 Do not leave affected persons unattended.

• **After inhalation:**

Supply fresh air.
 Seek medical treatment in case of complaints.

• **After skin contact:**

Rinse with warm water.
 If skin irritation continues, consult a doctor.

• **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

• **After swallowing:**

Rinse out mouth and then drink plenty of water.
 Do not induce vomiting; call for medical help immediately.

• 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
Can form explosive gas-air mixtures.
carbon dioxide (CO₂)
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Die üblichen Vorsichtsmaßnahmen beim Umgang mit Chemikalien sind zu beachten.
Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.
Do not spray onto a naked flame or any incandescent material.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

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· 7.2 Conditions for safe storage, including any incompatibilities**· Storage:****· Requirements to be met by storerooms and receptacles:**

Store only in the original receptacle.

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Store in a cool and dry place.

· Information about storage in one common storage facility:

Store away from oxidising agents.

Store away from flammable substances.

· Further information about storage conditions: Store in a well-ventilated place. 5-35°C**· 7.3 Specific end use(s)** No further relevant information available.*** SECTION 8: Exposure controls/personal protection****· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs**CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic**

| | | |
|------------|-------------------|--|
| Inhalative | DNEL (worker) | 5.6 mg/m ³ (professional use) |
| | DNEL (population) | 1.2 mg/m ³ (cus) |

· Additional information: The lists valid during the making were used as basis.**· 8.2 Exposure controls****· Appropriate engineering controls** No further data; see section 7.**· Individual protection measures, such as personal protective equipment****· General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· Respiratory protection:

Respiratory protection is not required when used properly and under normal conditions.

Use breathing protection if ventilation is inadequate

Short term filter device:

Filter A/P2

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· Hand protection

Protective gloves

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Nitrile rubber, NBR

Chloroprene rubber, CR

Recommended thickness of the material: ≥ 0.7 mm**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· Eye/face protection Recommendation: safety glasses with side protection shield**· Body protection:** Protective work clothing*** SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information**

| | |
|--|-----------------------------|
| · Colour: | Yellowish |
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |
| · Melting point/freezing point: | Undetermined. |
| · Boiling point or initial boiling point and boiling range | Not applicable, as aerosol. |
| · Flammability | Not applicable. |
| · Lower and upper explosion limit | |
| · Lower: | 1.5 Vol % |
| · Upper: | 10.9 Vol % |
| · Flash point: | Not applicable, as aerosol. |
| · Auto-ignition temperature: | >270 °C |
| · Decomposition temperature: | Not determined. |
| · pH | Not determined. |
| · Viscosity: | |
| · Kinematic viscosity | Not determined. |
| · Kinematic: 23 °C - 4 mm (ISO 2431) | |
| · Dynamic: | Not determined. |
| · Solubility | |
| · water: | Fully miscible. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure at 20 °C: | 8,300 hPa |
| · Density and/or relative density | |
| · Density at 20 °C: | 0.69 g/cm ³ |

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| | |
|--|--|
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · 9.2 Other information | |
| · Appearance: | |
| · Form: | Aerosol |
| · Important information on protection of health and environment, and on safety. | |
| · Ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Not determined. |
| · Solvent separation test: | |
| · Organic solvents: | 66.9 % |
| · VOC (EC) % | 80.65 % |
| · VOC (EC) g/l | 559.0 g/l |
| · Change in condition | |
| · Drip point: | |
| · Oxidising properties | Not determined. |
| · Evaporation rate | Not applicable. |
| · Information with regard to physical hazard classes | |
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Extremely flammable aerosol. Pressurised container: May burst if heated. |
| · Oxidising gases | Void |
| · Gases under pressure | Void |
| · Flammable liquids | Void |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.

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- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

*** SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

CAS: 74-98-6 propane

| | | |
|------------|---------|-----------------------------|
| Inhalative | LC50/4h | >20 mg/m ³ (rat) |
|------------|---------|-----------------------------|

CAS: 106-97-8 butane, pure

| | | |
|------------|---------|---------------|
| Inhalative | LC50/4h | 658 ppm (rat) |
|------------|---------|---------------|

CAS: 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

| | | |
|------|------|-------------------|
| Oral | LD50 | 5,000 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|-------------------|
| Dermal | LD50 | 5,000 mg/kg (rat) |
|--------|------|-------------------|

CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

| | | |
|------|------|-------------------------------|
| Oral | LD50 | >2,000 mg/kg (rat) (OCED 401) |
|------|------|-------------------------------|

| | | |
|--------|------|----------------------------------|
| Dermal | LD50 | >2,000 mg/kg (rabbit) (OCED 402) |
|--------|------|----------------------------------|

| | | |
|--|-----------|-------------------|
| | NOEC(14d) | ≥1,000 mg/l (Fis) |
|--|-----------|-------------------|

CAS: 7397-62-8 butyl glycollate

| | | |
|------|------|-------------------|
| Oral | LD50 | 4,595 mg/kg (rat) |
|------|------|-------------------|

CAS: 95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

| | | |
|------|------|-------------------|
| Oral | LD50 | 1,256 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|----------------------|
| Dermal | LD50 | 2,000 mg/kg (rabbit) |
|--------|------|----------------------|

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**
May be fatal if swallowed and enters airways.

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· 11.2 Information on other hazards
· Endocrine disrupting properties

None of the ingredients is listed.

*** SECTION 12: Ecological information**
· 12.1 Toxicity
· Aquatic toxicity:
CAS: 75-28-5 isobutane

EC50 (48h) 69.43 mg/L (daphnia)

CAS: 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

EC50 (21d) >10 mg/L (Daphnia galeata)

EC50 (48h) >10,000 mg/L (Daphnia galeata)

NOEC (21d) 10 mg/l (Daphnia galeata)

CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

LC50 (96h) >100 mg/L (Pimephales promelas) (OCED 203)

EC50 (48h) >10,000 mg/L (Daphnia magna) (OECD 202)

CAS: 95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol

LC50 (96h) 0.3 mg/L (Brachydanio rerio)

EC50/72h 0.03 mg/l (Desmodemus subspicatus)

EL50/48h 0.136 mg/l (Daphnia galeata)

· 12.2 Persistence and degradability No further relevant information available.

· 12.3 Bioaccumulative potential No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

· 12.5 Results of PBT and vPvB assessment
· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

· 12.7 Other adverse effects
· Remark: Harmful to fish

· Additional ecological information:
· General notes:

Harmful to aquatic organisms

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even small quantities leak into the ground.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Containers can be recycled if completely empty; if not, dispose product/containers as dangerous waste. Observe local regulations.

European waste catalogue

15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number**ADR, IMDG, IATA** UN1950**14.2 UN proper shipping name****ADR** UN1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, flammable**14.3 Transport hazard class(es)****ADR****Class** 2.5F Gases.
Label 2.1**IMDG, IATA****Class** 2.1 Gases.
Label 2.1**14.4 Packing group****ADR, IMDG, IATA** Void**14.5 Environmental hazards:**

Not applicable.

14.6 Special precautions for user

Warning: Gases.

Hazard identification number (Kemler code): -**EMS Number:** F-D,S-U**Stowage Code** SW1 Protected from sources of heat.

SW2 Clear of living quarters.

Segregation Code SG69 For AEROSOLS with a maximum capacity of 1

litre:

Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

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- For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.
- For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

- 14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

Transport/Additional information:

- ADR**
- Limited quantities (LQ)** 1L
- Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity
- Transport category** 2
- Tunnel restriction code** D

- IMDG**
- Limited quantities (LQ)** 1L
- Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity
- UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

- 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

- Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- Hazard pictograms**



GHS02

- Signal word** Danger

- Hazard-determining components of labelling:**
Hydrocarbons, C10-C13, n-alkanes, < 2%aromatics
Distillates (petroleum), hydrotreated light naphthenic
Distillates (petroleum), hydrotreated heavy paraffinic

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.

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- P273 Avoid release to the environment.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment

- Seveso category P3a FLAMMABLE AEROSOLS**

- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t**

- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t**

- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

- H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

- Contact:**
- sdb@ede.de

- Date of previous version:**
- 16.07.2024

- Version number of previous version:**
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· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1

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Press. Gas (Comp.): Gases under pressure – Compressed gas

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Repr. 2: Reproductive toxicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**

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